AMENDMENTS TO THE CLAIMS

Claim 1 (Original) A matching unit for receiving a first frequency band, a second frequency band higher than the first one, and a third frequency band higher than the second one, the matching unit comprising:

an input terminal;

an output terminal;

a capacitor interposed between the input terminal and the output terminal;

a first inductor interposed between an input of the capacitor and a grounding;

a second inductor interposed between an output of the capacitor and a grounding; and

a switching means for switching the first frequency band and the second frequency band;

wherein the switching means switches an inductance of the first inductor, and

wherein the first inductor shows an inductance property to the first and the second frequency-bands, and shows a capacitance property to the third frequency band.

Claim 2 (Original) The matching unit of claim 1, wherein the first frequency band is a VHF low-band, the second frequency band is a VHF high-band, and a third frequency band is a UHF band.

Claim 3 (Original) The matching unit of claim 1, wherein the first frequency band ranges from 90 MHz to 108 MHz, the second frequency band ranges from 170 MHz to 222 MHz, and the third frequency band ranges from 470 MHz to 770 MHz.

Claim 4 (Original) The matching unit of claim 1 further comprising a second switching means for switching a second inductor, which shows an inductance property to the first and the second frequency-bands, and shows a capacitance property to the third frequency band.

Claim 5 (Original) The matching unit of claim 4, wherein the first and the second switching means work synchronizing with each other.

Claim 6 (Currently amended) The matching unit of claim 1, wherein the first inductor is a first series connecting inductor formed of a third inductor and a fourth ~~inductors~~ inductor, and the first switching means switches a junction point of the third inductor and the fourth inductor for connecting an output of the third inductor to grounding.

Claim 7 (Currently amended) The matching unit of claim 6, wherein the first switching means switches the ~~inductor~~ inductance of the first ~~inductance~~ inductor between the inductance of the third ~~inductance~~ inductor and an inductance of the first series connecting inductor.

Claim 8 (Original) The matching unit of claim 1, wherein the second inductor is a second series connecting inductor comprising a fifth inductor and a sixth inductor, and the second switching means switches a junction point of the fifth inductor and the sixth inductor for connecting an output of the fifth inductor to a grounding.

Claim 9 (Currently amended) The matching unit of claim 8, wherein the second switching means switches an inductance of the second inductor between an inductance of the fifth ~~inductance~~ inductor and an inductance of the second series connecting inductor.

Claim 10 (Original) The matching unit of claim 6 further comprising a circuit board, wherein the third inductor and the fourth inductor are coupled with each other with a conductive pattern on the circuit board, and wherein the conductive pattern, the third inductor and the fourth inductor are coupled to each other with solder.

Claim 11 (Original) The matching unit of claim 6, wherein the third inductor and the conductive pattern coupled to the third inductor show a capacitance property to the third frequency band.

Claim 12 (Original) The matching unit of claim 6, wherein the first switching means sets a self-resonance point of the third inductor between the second frequency band and the third frequency band in receiving the second frequency band.

Claim 13 (Original) The matching unit of claim 6, wherein the first switching means sets a self-resonance point of the first series connecting inductor between the first frequency band and the third frequency band in receiving the first frequency band.

Claims 14-15 (Canceled)

Claim 16 (New) The matching unit of claim 1, further comprising an antenna having a resistance connected to the input terminal, wherein the resistance of said antenna is generally equal to a resistance viewed from the input terminal.

Claim 17 (New) The matching unit of claim 1, for use with an antenna having a resistance to be connected to the input terminal of said matching unit, wherein a resistance viewed from the input terminal of said matching unit is generally equal to the resistance of the antenna.